Amendments to the Claims

Please amend the claims in accordance with the following listing:

1.   (Original) A method of verifying compatibility of components in a computer system, comprising:

reading, from at least one CPU register, a CPU maximum power value indicating the maximum power the CPU is rated to consume during operation;

determining a host maximum power value indicating the maximum power the computer system is rated to supply; and

if the CPU maximum power value exceeds the host maximum power value, invoking a first error handler.

2.   (Original) The method of claim 1, further comprising:

reading, from at least one CPU register, a CPU maximum temperature value indicating the maximum temperature at which the CPU is rated to operate;

determining a host minimum temperature value indicating the minimum CPU temperature the host is rated to maintain; and

if the host minimum temperature value exceeds the CPU maximum temperature value, invoking a second error handler.

3.   (Original) The method of claim 2, wherein:

the first and second error handlers are the same error handler.

4.   (Original) The method of claim 2, wherein:

the CPU maximum power value and the CPU maximum temperature value are read from the same CPU register.

5.   (Original) The method of claim 1, wherein:

determining the host maximum power value comprises identifying a motherboard and a

        chassis of the computer system.

6.   (Original) The method of claim 5, wherein:

identifying the motherboard comprises determining voltage regulation characteristics of the

        motherboard.

7.   (Original) The method of claim 5, wherein:

identifying the motherboard comprises reading a register on the motherboard.

8.   (Original) The method of claim 5, wherein:

identifying the chassis comprises determining power supply and cooling characteristics of

        the chassis.

9.   (Original) The method of claim 5, wherein:

identifying the chassis comprises reading hardwired pins of a chassis connector.

10.   (Original) The method of claim 2, wherein:

the host minimum temperature value is determined responsive to cooling characteristics of

        a chassis of the computer system and to the maximum CPU power value.

11.   (Original) The method of claim 1, wherein:

the first error handler causes an error message to be displayed.

12.   (Original) The method of claim 1, wherein:

the first error handler causes the computer system to be powered down.

13.   (Currently amended) A machine-readable storage or transmission medium containing

code that, when executed on a computer system, causes the computer system to

perform a method of verifying compatibility of its components, the method

comprising:

reading, from at least one CPU register, a CPU maximum power value indicating the maximum

power the CPU is rated to consume during operation;

determining a host maximum power value indicating the maximum power the computer

system is rated to supply; and

if the CPU maximum power value exceeds the host maximum power value, invoking a first

error handler.

14.   (Currently amended) The storage or transmission medium of claim 13, wherein the

method further comprises:

reading, from at least one CPU register, a CPU maximum temperature value indicating the

maximum temperature at which the CPU is rated to operate;

determining a host minimum temperature value indicating the minimum CPU temperature

the host is rated to maintain; and

if the host minimum temperature value exceeds the CPU maximum temperature value,

invoking a second error handler.

15.   (Currently amended) The storage or transmission medium of claim 14, wherein:

the first and second error handlers are the same error handler.

16.   (Currently amended) The storage ~~or transmission~~ medium of claim 14, wherein:
the CPU maximum power value and the CPU maximum temperature value are read from the
        same CPU register.

17.   (Currently amended) The storage ~~or transmission~~ medium of claim 13, wherein:
determining the host maximum power value comprises identifying a motherboard and a
        chassis of the computer system.

18.   (Currently amended) The storage ~~or transmission~~ medium of claim 17, wherein:
identifying the motherboard comprises determining voltage regulation characteristics of the
        motherboard.

19.   (Currently amended) The storage ~~or transmission~~ medium of claim 17, wherein:
identifying the motherboard comprises reading a register on the motherboard.

20.   (Currently amended) The storage ~~or transmission~~ medium of claim 17, wherein:
identifying the chassis comprises determining power supply and cooling characteristics of
        the chassis.

21.   (Currently amended) The storage ~~or transmission~~ medium of claim 17, wherein:
identifying the chassis comprises reading hardwired pins of a chassis connector.

22.   (Currently amended) The storage ~~or transmission~~ medium of claim 14, wherein:
the host minimum temperature value is determined responsive to cooling characteristics of
        a chassis of the computer system and to the maximum CPU power value.

23.   (Currently amended) The storage ~~or transmission~~ medium of claim 13, wherein:
the first error handler causes an error message to be displayed.

24.   (Currently amended) The storage ~~or transmission~~ medium of claim 13, wherein:
the first error handler causes the computer system to be powered down.